



{In Archive} Fw: Schedule of performance audits for GBUAPCD

MichaelA Flagg to: Rainey, Patrick@ARB, Deidrick, Chris@ARB 08/24/2011 09:40 AM
Cc: Meredith Kurpius

From: MichaelA Flagg/R9/USEPA/US
To: "Rainey, Patrick@ARB" <prainey@arb.ca.gov>, "Deidrick, Chris@ARB" <cdeidric@arb.ca.gov>,
Cc: Meredith Kurpius/R9/USEPA/US@EPA
Archive: This message is being viewed in an archive.

Patrick,

I just wanted to make sure you got this (Chris mentioned that his email had gotten kicked back). Thanks!

Michael Flagg
Air Quality Analysis Office
EPA Region 9
415.972.3372
Flagg.MichaelA@epa.gov

----- Forwarded by MichaelA Flagg/R9/USEPA/US on 08/24/2011 09:37 AM -----

From: Chris Lanane <clanane@GBUAPCD.org>
To: "Rainey, Patrick@ARB" <prainey@arb.ca.gov>
Cc: Guy Davis <guy@gbuapcd.org>, Valerie Thorp <vthorp@gbuapcd.org>, Mike Horn <mike_the_horn@yahoo.com>, kurpias.meredith@epamail.epa.gov, MichaelA Flagg/R9/USEPA/US@EPA, "Merrin@ARB Wright" <mwright@arb.ca.gov>, "Deidrick, Chris@ARB" <cdeidric@arb.ca.gov>, Ted Schade <tschade@gbuapcd.org>
Date: 08/23/2011 05:20 PM
Subject: Re: Schedule of performance audits for GBUAPCD

Hello Patrick:

This note is to inform you that the dates for the audits of the District sites that you have indicated will fit with the District's schedule as well. I am awaiting confirmation from Coso Operating Company regarding the audits of the Coso Gate and Coso Junction sites. Please be advised that the Coso Gate site is on secured U.S. Navy property and, as such, requires personal documentation be submitted before access to the site is allowed. Colleen Brock, of Coso Operating Company, will notify you about the documentation required to ensure the auditors' access to the Coso Gate site.

I would like to correct the information regarding monitoring equipment currently in operation at each site. This information is also accessible in the District's 2011 Ambient Air Monitoring Network Plan: April 20, 2011, Appendix A, Site Reports, located on the District's website, <http://www.gbuapcd.org/>, on the lefthand side under "Current Events."

Coso Junction: H2S, PM10 (TEOM), WS, WD, Amb. Temp, RH, Precipitation

Coso Gate: H2S, WS, WD, Amb. Temp, RH

Mono Lake - Simis Ranch: currently not operational

Mono Lake - North Shore: PM10 TEOM, WS, WD, Amb. Temp

Lee Vining: PM10, filter-based monitor, no meteorological sensors currently in operation

Mammoth Lakes: PM10 TEOM(FDMS); PM10, filter-based monitor; WS, WD, Amb. Temp

White Mountain Research Station (WMRS) (formerly Laws) Portable: PM10 TEOM (FDMS);
WS, WD, Amb. Temp, RH

District Mass Analysis Lab: Gravimetric analysis of PM10 and PM2.5 filters

Please note that the District operates R. M. Young Wind Monitors (Models 05305 and 05103) for measuring wind speed and direction at all of the stations currently in operation. In areas of high PM impacts, the District has chosen to use the 05103 which utilizes sealed bearings and therefore has a typical starting threshold of 1.0 m/s. The unsealed bearings used in the 05305 enable the Wind Monitor AQ to meet the PSD specifications of 0.5 m/s for starting threshold, however, those bearings cause the monitor to fail in areas of high PM impacts such as exist in this District. Since the PM problem in this District is caused by wind-driven events, usually at wind speeds of anywhere from 5 to 35 m/s, using a more reliable sensor with a higher starting threshold is a reasonable approach to monitoring wind speed and direction.

Access to the Mono Lake - North Shore site requires a 4-wheel drive vehicle. ARB audit staff can plan to travel to the site from the highway in the District vehicle, if they wish. It is a 4.5 mile dirt road through heavy sand dunes to get to the parking area, then a 1/4-mile hike over a large dune to get to the site. ARB staff should be prepared to bring a backpack for transporting audit equipment, at least 1 quart of drinking water per person, and should plan to wear a hat and sunscreen for auditing this station.

District staff, including the technician operating each station and the District's internal quality assurance auditor, will be onsite for each of the audits. It should be noted that preliminary audit reports will be required at the end of the audit of each station prior to moving on to the next. Any failures of audits will be investigated immediately and addressed in the field by District staff with the caveat that ARB auditors will re-audit the monitoring equipment if necessary. It is important and most efficient to address issues found in the field while still in the field. This approach ensures everyone involved is clear on what the problem is and the resolution of it.

Thank you for your time. We look forward to the ARB audit visits.

Sincerely,

Chris Lanane

Air Monitoring Specialist

Great Basin Unified Air Pollution Control District

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<http://www.gbuapcd.org>

On Aug 8, 2011, at 1:42 PM, Rainey, Patrick@ARB wrote:

Dear Mr. Lanane,

The Quality Assurance section of the California Air Resources Board would like to conduct the annual Performance Audits at the Coso Junction-Hwy 395, Coso Junction-Gate, Mono Lake-Simis, Mono Lake-North Shore, Lee Vining-SMS, Mammoth Lakes-Gateway HC, Laws Mobile Monitoring-WMRC, and the GBUAPCD-Mass Analysis Lab sites during the weeks of September 12 and 19, 2011.

We would like to schedule the audits as follows:

Auditors- Chris Deidrick and Laura Niles

Tuesday, September 13, 2011:

- ❖ Coso Junction- Hwy 395: 8:00am (H2S, OT, WD, WS)
- ❖ Coso Junction-Gate: following Hwy 395 audit (H2S, OT, WD, WS)

Auditors- Patrick Rainey and Hien Tran

Monday, September 19, 2011:

- ❖ Mono Lake- Simis Residence: 12:00pm (PM10, OT, WD, WS)
- ❖ Mono Lake-North Shore: following Simis audit (PM10, TEOM, OT, WS, WD)

Tuesday, September 20, 2011:

- ❖ Lee Vining-SMS: 8:00am (PM10, OT, WD, WS, BP)
- ❖ Mammoth Lakes-Gateway HC: following SMS audit (PM10, TEOM, OT, WS, WD)

Wednesday, September 21, 2011:

- ❖ Laws Mobile Monitoring-WMRC: 8:00am (TEOM, OT, WD, WS)
- ❖ GBUAPCD-Mass Analysis Lab: following WMRC audit (PM10/2.5 Mass Analysis)

Please contact me via e-mail or phone to confirm the audit schedule. If there are changes, including any new parameters to be considered, please notify us as soon as possible.

In conducting the audits, we require the following documents and information to be available at the station:

- ❖ Instrument Manuals
- ❖ Instrument Log
- ❖ Site Report
- ❖ Instrument and gas calibration dates
- ❖ Calibration equipment certification dates
- ❖ Last in-line filter change dates and in-line filter change schedule for gaseous analyzers
- ❖ Last inlet cleaning dates and inlet cleaning schedule for PM instruments

In addition, we request that you do NOT calibrate your instruments prior to our arrival. If a calibration has recently been performed (within 30 days), please alert us as we may wish to reschedule the audit date(s).

Additionally, we would like to tentatively schedule audits of the Owens Lake-Ash Point,

Olancho-Walker Creek, Dirty Socks, N. Beach Owens Lake, Shell Cut, Flat Rock, Keeler-Cerro Gordo, Lizard Tail, Lone Pine-Met, and Lone Pine-E. Locust monitoring sites during the week of October 17, 2011. We will follow with more details later this month.

Thank you for your time.

Regards,

Patrick Rainey
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Quality Assurance Section
Monitoring and Laboratory Division
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The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy cost, see our web site at <http://www.arb.ca.gov>